

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,930,823 B2  
APPLICATION NO. : 10/022543  
DATED : August 16, 2005  
INVENTOR(S) : Hiroshi Nakamoto et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the cover page, item (56) References Cited, U.S. Patent Documents, column 1, line 3, after "359/179" insert --5,861,980 A \* 01/1999 Ono 359/341--

On the cover page, item (56) References Cited, Foreign Patent Documents, column 2, line 1, below "JP 3-239028 \*10/1991" insert --WO WO 01/65737 A1--

On the cover page, item (56), References Cited, Other Publications, column 2, line 9, after "1999." delete "\*\*"

On the cover page, item (56) References Cited, Other Publications, column 2, line 9, below "Yoshihiro Emori,..... 1999.\*" insert --Emory, Y. et al., "Broadband lossless DCF using Raman amplification pumped by multichannel WDM laser diodes," Electronics letters, IEE Stevenage, GB, 29 Oct 1998, Vol. 34, No. 22, pages 2145-2146.--

Column 8, line 43, change "propogating" to --propagating--

Column 9, line 25, change "propogating" to --propagating--

Column 9, line 52, after "is" insert --superimposed--

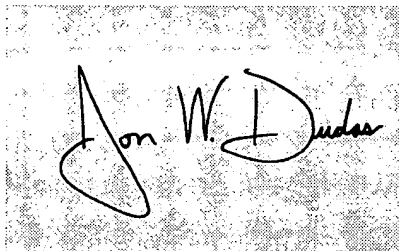
Column 12, line 18, after "method of" insert --claim--

Column 12, line 48, change "tosses" to --losses--

This certificate supersedes Certificate of Correction issued August 29, 2006.

Signed and Sealed this

Thirtieth Day of January, 2007

A handwritten signature in black ink, reading "Jon W. Dudas", is written over a rectangular area with a halftone dot pattern background.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*